

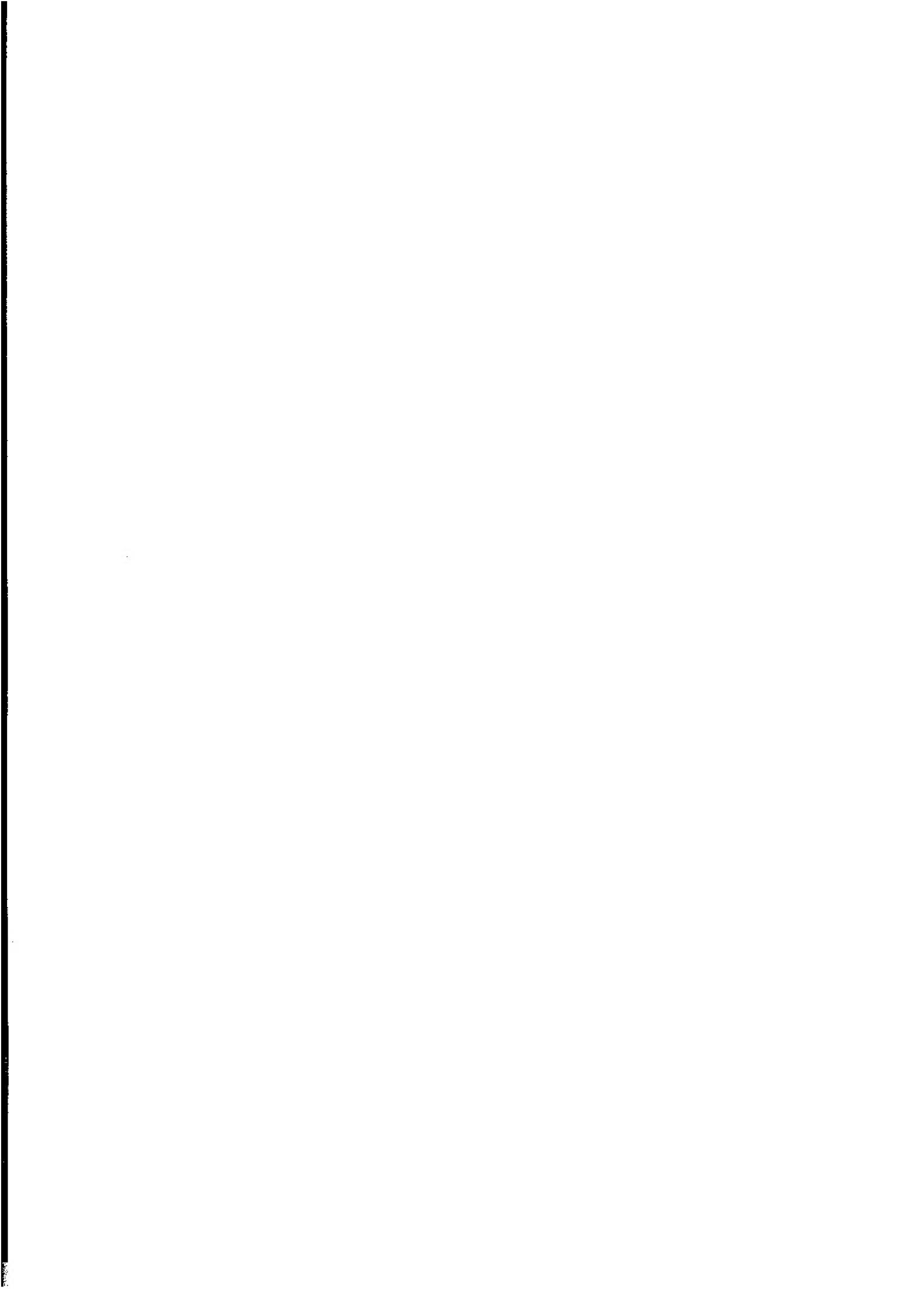


March 1997

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# Tasmanian Statistical Indicators

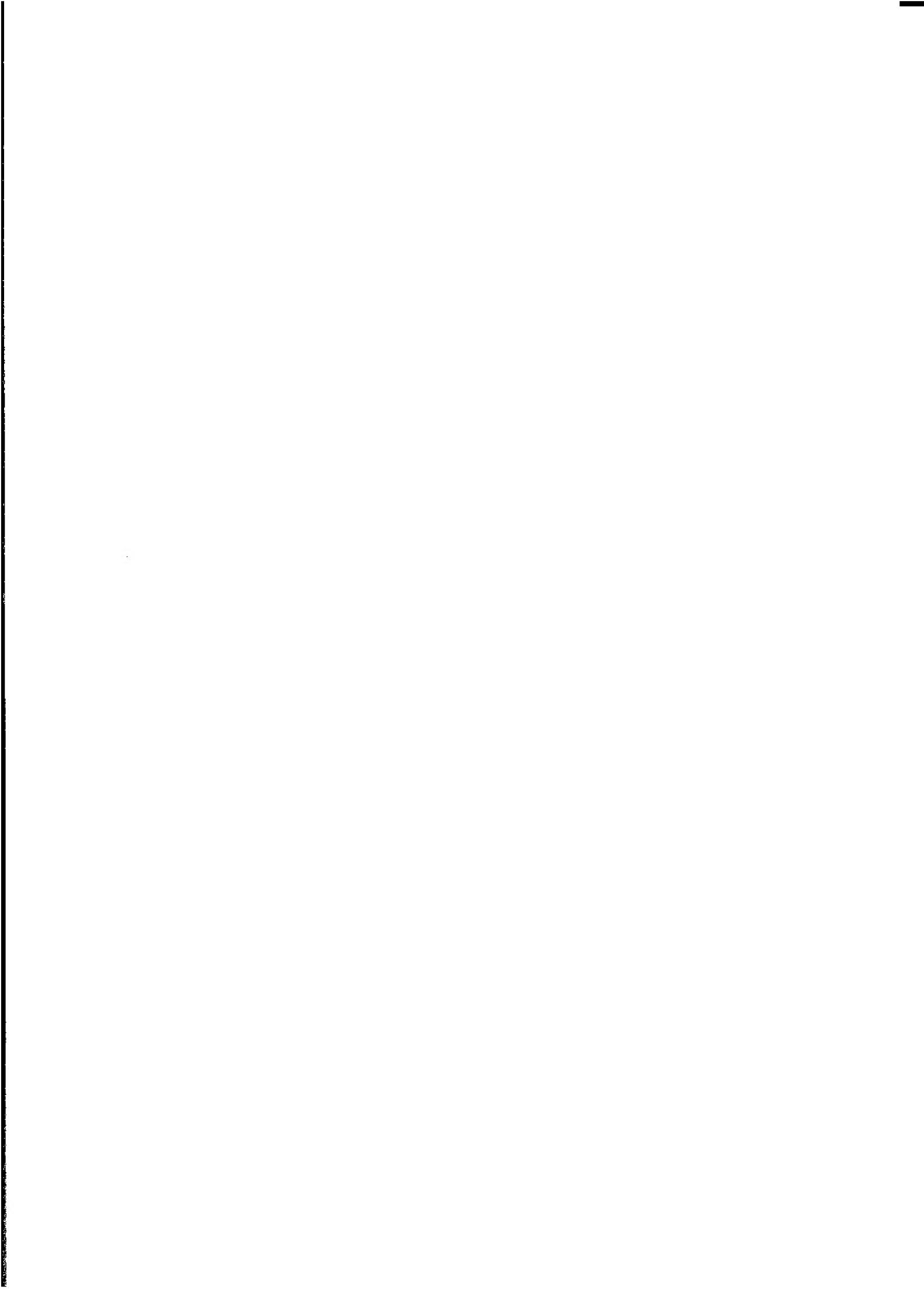




# **TASMANIAN STATISTICAL INDICATORS**

## **MARCH 1997**

**Denis W. Rogers**  
**Regional Director, Tasmania**



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INQUIRIES	<ul style="list-style-type: none"> <li>• <i>for further information about statistics in this publication and the availability of related unpublished statistics, contact the Hobart office of the ABS on (03) 6222 5800.</i></li> <li>• <i>for information about other ABS statistics and services, please refer to the back cover of this publication.</i></li> </ul>
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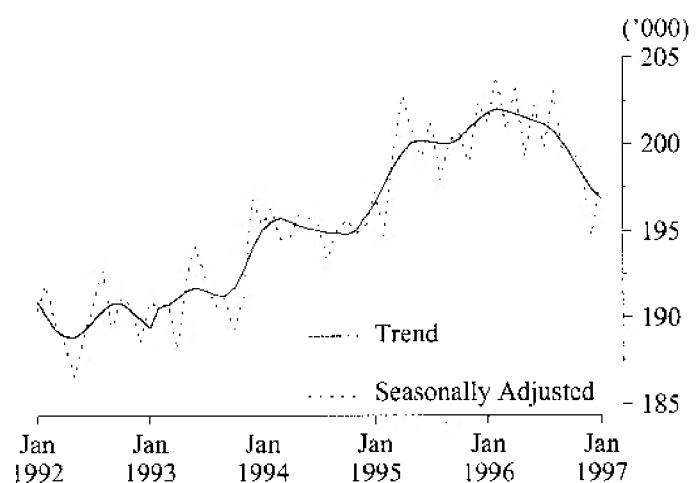
## MAIN FEATURES

### EMPLOYMENT

#### State comparisons trend estimates

The Australian and State *trend series* comparisons are given on page 25. There was a decrease of 2.5% in Tasmania's employment over the year to January 1997. The largest percentage increase in employment was in Western Australia (2.6%). Next followed Queensland and Victoria (1.6%), New South Wales (1.1%), and South Australia (0.3%).

### EMPLOYMENT, TASMANIA



#### Regional comparisons original terms

In the Hobart and Southern Statistical Divisions the estimate of employment in *original terms* in December 1996 was 103,100 and compares with 102,300 in December 1995. The estimate of employment in the Northern Statistical Division in December 1996 was 55,500 and compares with 59,300 in December 1995. The estimate of employment in the Mersey-Lyell Statistical Division was 40,000 in December 1996, and compares with 44,300 for December 1995.  
(See tables 3-8, pages 2-7.)

### THE LABOUR FORCE

#### Trend estimates

There were an estimated 219,700 persons (based on *trend* estimates) in the labour force in January 1997, and an estimated 369,400 civilian Tasmanians aged 15 years or more, yielding a labour force participation rate of 59.5%, compared with 61.0% in January 1996.

For males, the *trend* estimate of the participation rate was 69.8%, compared with 71.3% for January 1996. For females, the *trend* estimate of the participation rate was 49.5%, compared with 51.0% in January 1996.

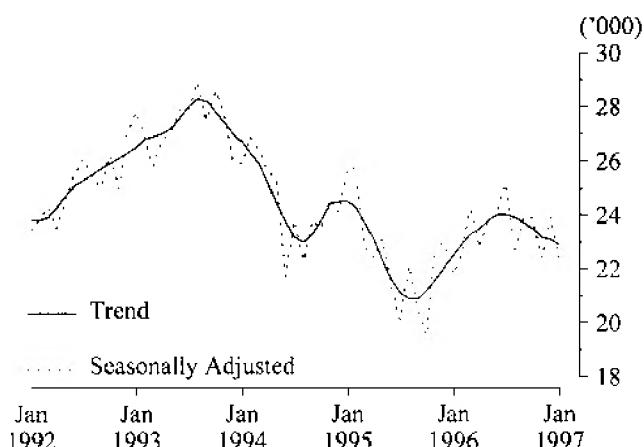
(See table 3, page 2.)

## UNEMPLOYMENT

### Trend estimates

The Tasmanian *trend* estimate of the number of unemployed persons in January 1997 was 22,900. This compares with 22,500 for January 1996. The *trend* estimate of the unemployment rate of 10.4% in January 1997 compared with 10.0% in January 1996.  
(See tables 3-8, pages 2-7.)

## UNEMPLOYMENT, TASMANIA



## AWARD RATES OF PAY INDEXES

### Original terms

The movement, from December 1995 to December 1996, of weekly award rates of pay indexes for Tasmania was 0.6% for full-time adult females and 0.7% for full-time adult males, for a combined annual increase of 0.7%. For Australia, the figures were 1.5% for females and 1.1% for males, for a combined annual increase of 1.2%.

For full-time adult female employees in Tasmania, the largest industry increases over this 12 month period occurred in the Public administration and defence industry (2.9%); and the Recreation, personal and other services industry (0.9%).

For the same period for full-time adult male employees in Tasmania, the largest industry increase occurred in the Manufacturing industry (1.5%).

The largest occupation increase over the same period for full-time adult female employees occurred in Clerks (1.0%); and Para-professionals (0.9%).

For full-time adult male employees the largest occupation increases over the period occurred in Clerks (1.2%); and Plant and machine operators, and drivers (1.1%).

Source: *Award Rates of Pay Indexes, Australia*, ABS catalogue no. 6312.0.

## CONSUMER PRICE INDEX

### Original terms

The Consumer Price Index: all groups index for Hobart rose by 0.2 % in the December quarter of 1996, and by 1.8 % for the year ending December. This compared with an increase of 0.2% for the weighted average of the eight capital cities for the December quarter, and 1.5% for the year.

The largest increases in the index for the year ending December were recorded in Darwin (2.1%), and Brisbane (1.9%). The smallest increases were recorded in Melbourne, Adelaide and Canberra (1.2%).

Major contributors to the annual increase at the national level were petrol prices (up 3.1%), hospital and medical services (up 5.0%), cigarettes and tobacco (up 4.4%), and fresh fruit (up 16.8%), with falls being recorded in mortgage interest charges (down 7.8%), local government rates and charges (down 3.6%) and prices of motor vehicles (down 2.7%).

(See tables 15 and 17, pages 11 and 12.)

## BUILDING MATERIALS PRICE INDEXES

### Original terms

The price index of materials used in house building in Hobart decreased by 0.5% over the twelve months ending December 1996. This compares with the national average, which increased by 0.3% over the same period. Sydney, Adelaide and Perth all recorded increases over the period, with Adelaide being the highest, at 2.1%.

For materials used in building other than house building, the Hobart price index recorded an increase of 1.0 % over the twelve months ending December 1996. Other state capitals that recorded increases in the index were Brisbane, Adelaide and Perth, with Adelaide being the highest at 1.7%. The index for the weighted average of the eight capital cities increased by 0.1% over the period.

Components which contributed most to the change in Hobart's materials other than house building price index over the year ending December 1996 were paint and other coatings (up 5.6%), fabricated steel products (up 4.7%) and structural steel (up 3.9%). These rises were partly offset by falls in the prices of structural timber (down 9.3 %) and non-ferrous pipes and fittings (down 4.0%).

(See tables 15 and 18, pages 11 and 13.)

## LIVESTOCK SLAUGHTERING

### Trend estimates

The December 1996 Tasmanian *trend* estimate for the slaughtering of cattle and calves was 2.8% higher than that recorded in the previous month. The number of sheep and lambs slaughtered increased by 4.0%, and the number of pigs slaughtered decreased by 3.0% over the same period.

The *trend* estimate of the number of cattle and calves slaughtered in December 1996 was 22,100 which was 12.2% above the number slaughtered in December 1995.

The *trend* estimate for the slaughtering of sheep and lambs was 63,400 in December 1996, which was 9.9% below the number slaughtered in December 1995. This was the third successive monthly increase in the number of sheep and lambs slaughtered in Tasmania, but well below the *trend* estimate of 88,700 slaughtered in December 1994.

The *trend* estimate of 5,400 pigs slaughtered in December 1996 was 21.6% below the number slaughtered in December 1995, and 28.8% below the number slaughtered in December 1994.  
(See table 21, page 16.)

#### BUILDING APPROVALS

Original terms There were 153 new dwelling units approved during December 1996 in Tasmania. This was a decrease of 8.9% on the 168 recorded for November 1996 and a 30.1% decrease on the number recorded for December 1995 (219).

For the twelve months ended December 1996 there were 2,168 new dwelling units approved, 21.4% below the 2,757 units recorded for the twelve months ended December 1995.

The value of new residential building approved, at current prices, in December 1996 was \$12.9 million, 3.7% below the November 1996 figure of \$13.4 million, and 31.4% below the December 1995 figure of \$18.8 million.

The value of non-residential building approved, at current prices, in December 1996 was \$4.4 million, 39.7% below the November 1996 figure of \$7.3 million and 67.6% below the December 1995 figure of \$13.6 million.

(See table 27, page 20.)

#### HOUSING FINANCE

Trend estimates The *trend* estimate, for the number of new secured housing finance commitments entered into in Tasmania in December 1996 was 961 dwellings, a decrease of 4.6% on the previous months figure of 1,007. The value of these new commitments was \$65.7 million down 4.2% on the November value of \$68.6 million.

During the twelve months ended December 1996 the *trend* estimate for the number of Tasmanian secured housing commitments rose 0.4% from 957 to 961. The value of these commitments at December 1995 was \$65.7 million. This value fluctuated during the year, between a low of \$59.4 million in April, and a high of \$71.4 million in September. It returned to \$65.7 million in December 1996. Nationally the total number of Australian dwelling commitments increased 4.3% from 38,523 to 40,190 dwellings, and the value increased 11.3% from \$3,717.8 million to \$4,136.5 million.

(See table 28, page 20.)

#### NEW MOTOR VEHICLE REGISTRATIONS

Original terms There were 1,735 new motor vehicles (excluding motorcycles) registered in Tasmania during December 1996. This was 36.9% higher than the 1,267 registered in November 1996 but virtually the same as the figure for December 1995 (1,734).

Of the new motor vehicles (excluding motorcycles) registered in December 1996 in Tasmania, 823 were vehicles registered by vehicle rental businesses compared with 370 registered by vehicle rental businesses in November 1996 and 842 in December 1995.

(See table 34, page 24.)

## RETAIL

Original terms      In *original* terms, the estimate of retail turnover in Australia during December 1996 was \$13,199.3 million, 0.1% below the \$13,218.6 million recorded in December 1995.

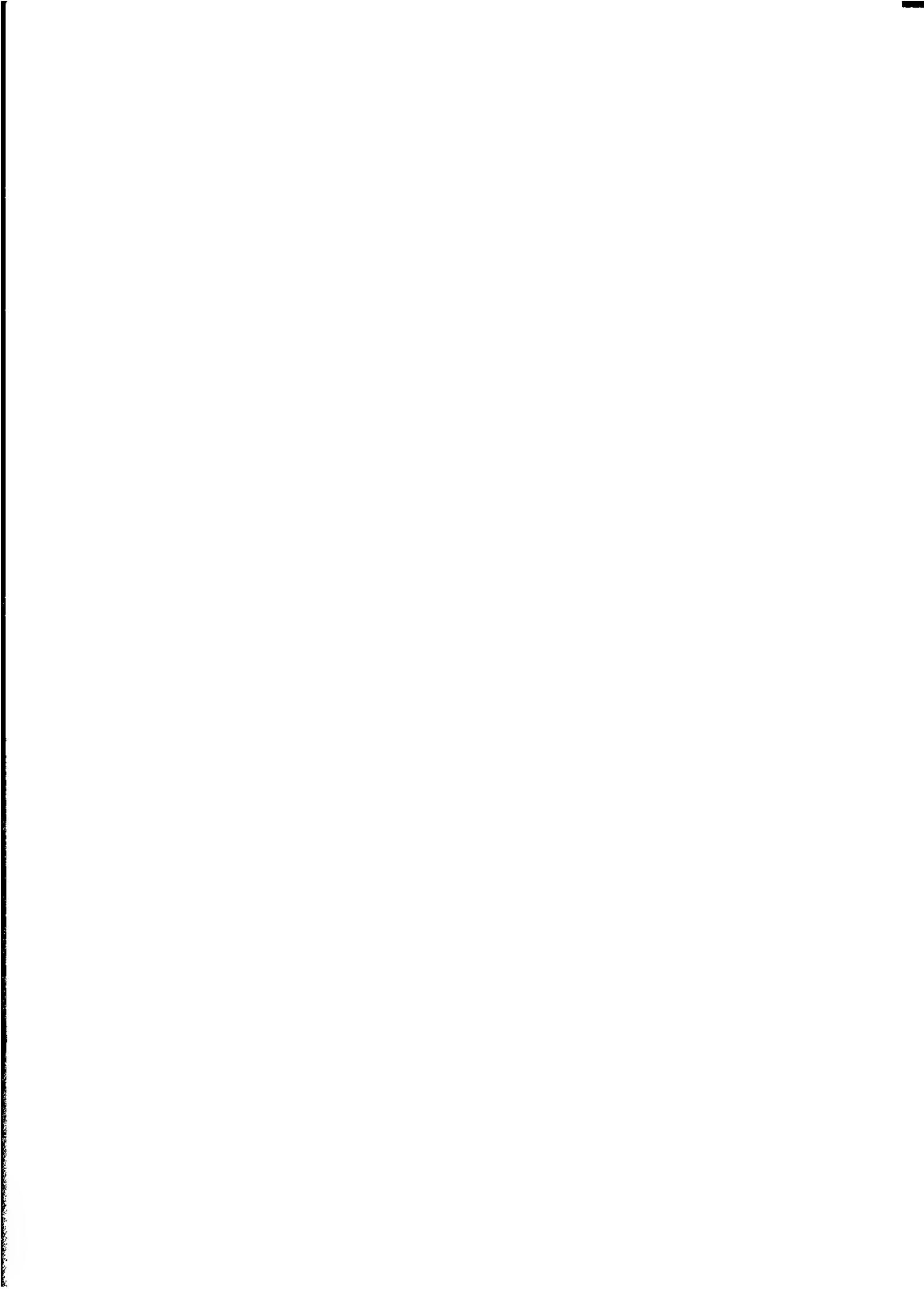
In *original* terms, the estimate of retail turnover in December 1996, for Tasmania, was \$324.3 million, 1.2% above the figure recorded for December 1995 (\$320.5 million).

Trend estimates      The *trend* estimate of retail turnover in Australia during December 1996, was \$10,143.5 million, 0.9% higher than for December 1995 (\$10,054.8 million).

The *trend* estimate of retail turnover in Tasmania recorded for December 1996, was \$247.3 million, an increase of 1.9% on the December 1995 figure of \$242.6 million.

The monthly *trend* estimate for turnover of retail and selected service establishments for Tasmania has shown an increase for the last four months.

(See table 35, page 24.)



**1**POPULATION: **Original**

Year or quarter	Estimated resident population at end of period '000	Natural increase <sup>1</sup> '000	Net estimated migration gain '000	Total population growth '000	Annual growth rate <sup>2</sup> %
<b>Year ended 30 June</b>					
1992	469.7	3.2	- 0.3	2.9	0.62
1993	471.4	3.1	- 1.5	1.7	0.35
1994	472.5	3.1	- 2.0	1.1	0.24
1995	473.0	2.9	2.4	0.5	0.11
1996	473.4	2.6	- 2.2	0.4	0.08
<b>Quarter</b>					
<b>1995</b>					
March	473.0	0.8	- 0.6	0.2	0.17
June	473.0	0.7	0.7	0.0	0.11
September p	473.2	0.7	- 0.5	0.2	0.09
December p	473.2	0.5	- 0.6	- 0.1	0.07
<b>1996</b>					
March p	473.2	0.8	- 0.7	0.1	0.04
June p	473.4	0.6	- 0.4	0.1	0.08

<sup>1</sup> Excess of live births registered over deaths registered (based on usual State of residence)<sup>2</sup> Percentage growth from same quarter in previous year.

(Source: Australian Demographic Statistics, ABS catalogue number 3101.0)

**2**BIRTHS, DEATHS AND MARRIAGES REGISTERED: **Original**

Year or quarter	Births		Deaths		Infant mortality <sup>1</sup>		Marriages	
	No.	Rate <sup>2</sup>	No.	Rate <sup>2</sup>	Deaths	Rate <sup>3</sup>	No.	Rate <sup>2</sup>
<b>Year ended 31 December</b>								
1991	6 857	14.7	3 664	7.9	61	8.9	3 069	6.6
1992	6 956	14.8	3 722	7.9	43	6.2	3 081	6.6
1993	6 804	14.4	3 618	7.7	37	5.4	3 055	6.5
1994	6 836	14.5	3 909	8.3	46	6.7	2 887	6.1
1995	6 558	13.9	3 739	7.9	36	5.5	2 840	6.0
<b>Quarter</b>								
<b>1995</b>								
March	1 804	..	897	..	8	4.4	1 067	..
June	1 611	..	954	..	10	6.2	667	..
September	1 697	..	982	..	9	5.3	307	..
December	1 446	..	906	..	9	6.2	799	..
<b>1996</b>								
March p	1 748	..	979	..	10	5.7	857	..
June p	1 524	..	969	..	6	3.9	789	..

<sup>1</sup> Registered deaths of children under one year of age.<sup>2</sup> Rate per 1,000 of estimated mean population.<sup>3</sup> Rate per 1,000 live births.

(Source: Australian Demographic Statistics, ABS catalogue number 3101.0)

## 3

LABOUR FORCE STATUS<sup>1</sup>: Seasonally adjusted and trend

Month	Seasonally adjusted series				Trend Series			
	Employed	Unemployed	Unemployment rate	Participation rate	Employed	Unemployed	Unemployment rate	Participation rate
'000	'000	%	%	'000	'000	%	%	
MALES								
<b>1996</b>								
January	114.7	14.0	10.9	71.1	114.9	14.1	11.0	71.3
February	117.0	14.0	10.7	72.4	115.4	14.5	11.2	71.8
March	115.5	15.0	11.5	72.1	115.7	14.9	11.4	72.1
April	116.3	15.3	11.6	72.6	115.8	15.1	11.5	72.3
May	114.5	15.0	11.6	71.5	115.9	15.1	11.6	72.3
June	116.2	15.2	11.6	72.5	115.9	15.1	11.5	72.3
July	114.9	15.5	11.9	71.9	115.8	14.8	11.3	72.1
August	117.5	13.7	10.5	72.4	115.7	14.5	11.1	71.8
September	115.6	14.4	11.1	71.7	115.4	14.2	10.9	71.4
October	114.1	13.9	10.9	70.6	114.8	14.0	10.8	71.0
November	114.6	12.7	10.0	70.1	114.2	13.8	10.8	70.5
December	112.6	15.1	11.8	70.3	113.6	13.7	10.8	70.1
<b>1997</b>								
January	113.1	13.3	10.5	69.7	113.1	13.7	10.8	69.8
FEMALES								
<b>1996</b>								
January	86.5	7.8	8.2	50.4	87.0	8.4	8.8	51.0
February	86.9	8.4	8.9	50.9	86.6	8.4	8.8	50.7
March	85.3	9.1	9.7	50.4	86.2	8.4	8.9	50.5
April	87.0	7.6	8.0	50.5	85.9	8.5	9.0	50.4
May	84.6	8.7	9.3	49.8	85.6	8.7	9.2	50.4
June	86.0	8.9	9.3	50.6	85.5	8.9	9.5	50.4
July	85.0	9.7	10.3	50.5	85.3	9.2	9.7	50.4
August	85.5	9.0	9.5	50.4	85.0	9.4	9.9	50.3
September	83.8	9.4	10.1	49.7	84.7	9.5	10.1	50.2
October	85.5	10.0	10.5	50.9	84.3	9.5	10.1	50.0
November	83.9	9.7	10.4	49.9	84.0	9.4	10.1	49.8
December	82.1	8.8	9.7	48.4	83.8	9.4	10.0	49.6
<b>1997</b>								
January	84.9	9.1	9.7	50.1	83.7	9.2	9.9	49.5
TOTAL								
<b>1996</b>								
January	201.2	21.8	9.8	60.6	201.8	22.5	10.0	61.0
February	203.9	22.5	9.9	61.5	202.0	22.9	10.2	61.1
March	200.8	24.2	10.7	61.1	201.9	23.3	10.3	61.1
April	203.2	22.9	10.1	61.4	201.7	23.5	10.5	61.2
May	199.2	23.7	10.6	60.5	201.5	23.8	10.6	61.2
June	202.2	24.1	10.6	61.4	201.3	24.0	10.6	61.2
July	199.8	25.2	11.2	61.1	201.1	24.0	10.7	61.1
August	203.0	22.7	10.0	61.2	200.7	23.9	10.6	60.9
September	199.5	23.9	10.7	60.5	200.0	23.7	10.6	60.6
October	199.6	23.9	10.7	60.6	199.1	23.5	10.5	60.3
November	198.5	22.4	10.1	59.8	198.2	23.2	10.5	60.0
December	194.7	23.9	10.9	59.2	197.4	23.1	10.5	59.7
<b>1997</b>								
January	198.2	22.4	10.2	59.7	196.8	22.9	10.4	59.5

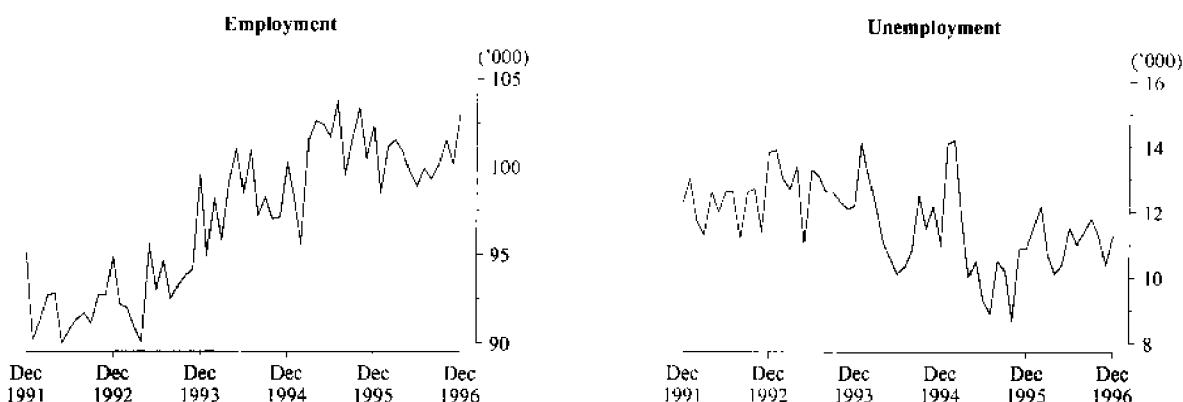
<sup>1</sup> For explanation of terms and concepts, refer to *Labour Force, Australia*, ABS catalogue number 6203.0.  
(Source: *Labour Force Australia*, ABS catalogue number 6203.0)

		Total employed	Total unemployed	Unemployment rate	Participation rate
Month		'000	'000	%	%
HOBART AND SOUTHERN STATISTICAL DIVISIONS					
1993	December	54.9	7.9	12.6	71.7
1995	December	56.3	7.1	12.2	71.3
1996	October	56.5	5.9	9.5	70.2
	November	55.6	6.3	10.2	69.6
	December	57.0	7.0	10.9	71.3
NORTHERN STATISTICAL DIVISION					
1993	December	34.5	5.1	12.8	77.5
1995	December	33.5	4.6	12.0	74.7
1996	October	32.4	4.6	12.4	71.6
	November	33.3	3.5	9.4	71.9
	December	32.6	4.7	12.6	73.3
MURRAY-LYELL STATISTICAL DIVISION					
1993	December	25.2	4.3	14.6	72.1
1995	December	26.0	3.5	11.9	72.2
1996	October	24.8	3.1	11.2	68.2
	November	24.8	3.3	11.8	67.9
	December	25.0	3.9	13.6	70.6
TASMANIA					
1993	December	114.6	17.3	13.1	73.4
1995	December	115.8	15.2	11.6	72.4
1996	October	113.7	13.7	10.7	70.2
	November	113.7	13.1	10.3	69.9
	December	114.6	15.6	12.0	71.7

<sup>1</sup> For explanation of terms and concepts, refer to *Labour Force, Australia*, ABS catalogue number 6203.0.

<sup>2</sup> Data in this table are original series, i.e. they are not part of a seasonally adjusted or a trend series. Accordingly, care should be exercised when using these data. New monthly data from each quarter (March, June, September and December) are published two months after the quarter. (Source: Labour Force Estimates—microfiche tables.)

### Hobart and Southern Statistical Divisions—Persons: **Original**



## 5

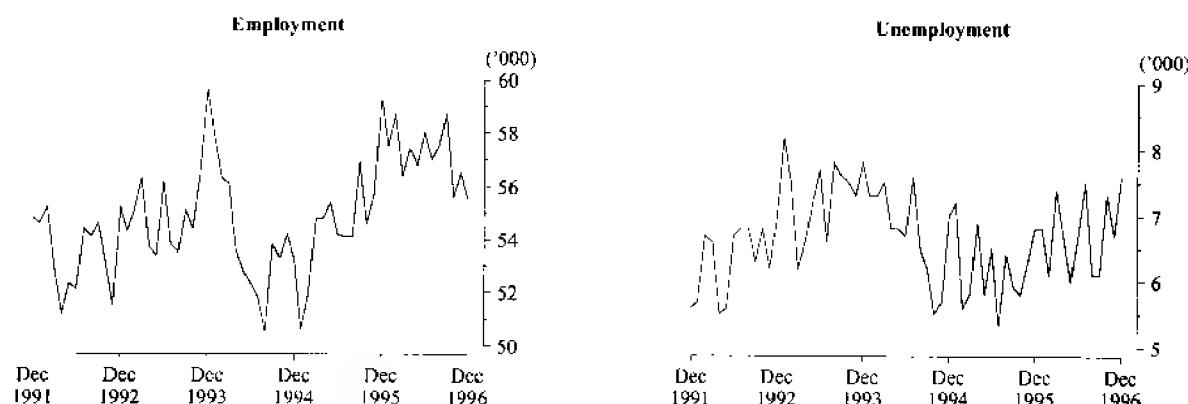
LABOUR FORCE STATUS BY REGION, FEMALES<sup>1, 2</sup>: Original

Month		Total employed	Total unemployed	Unemployment rate	Participation rate
		'000	'000	%	%
HOBART AND SOUTHERN STATISTICAL DIVISIONS					
1993	December	44.8	4.2	8.6	52.9
1995	December	46.1	3.8	7.7	53.4
1996	October	45.0	5.4	10.7	53.6
	November	44.6	4.1	8.5	52.0
	December	46.1	4.4	8.7	53.6
NORTHERN STATISTICAL DIVISION					
1993	December	25.2	2.7	9.7	52.2
1995	December	25.7	2.2	7.9	53.6
1996	October	23.2	2.7	10.4	49.4
	November	23.2	3.2	12.1	49.7
	December	22.8	2.9	11.2	48.1
MURRAY-LYELL STATISTICAL DIVISION					
1993	December	15.5	3.2	17.0	46.7
1995	December	18.4	2.8	13.2	51.0
1996	October	17.0	1.8	9.5	45.4
	November	16.7	1.7	9.4	45.4
	December	15.1	2.3	13.1	43.2
TASMANIA					
1993	December	85.4	10.1	10.6	51.4
1995	December	90.2	8.8	8.9	52.9
1996	October	85.2	9.8	10.4	50.6
	November	84.5	9.1	9.7	49.9
	December	84.0	9.5	10.2	49.8

<sup>1</sup> For explanation of terms and concepts, refer to *Labour Force, Australia*, ABS catalogue number 6203.0.

<sup>2</sup> Data in this table are original series, i.e. they are not part of a seasonally adjusted or a trend series. Accordingly, care should be exercised when using these data. New monthly data from each quarter (March, June, September and December) are published two months after the quarter. (Source: Labour Force Estimates—microfiche tables.)

## Northern Statistical Division—Persons: Original

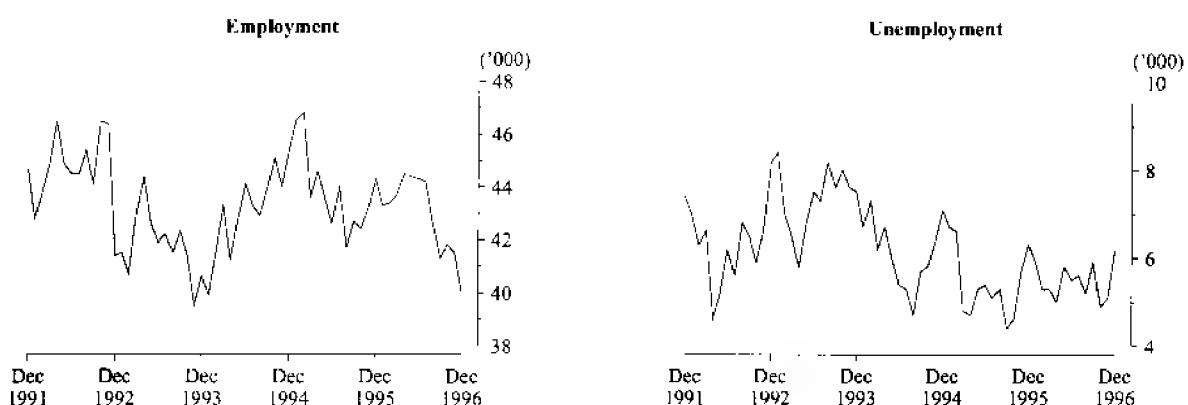


LABOUR FORCE STATUS BY REGION, PERSONS<sup>1, 2</sup>: **Original**

		Total employed	Total unemployed	Unemployment rate	Participation rate
Month		'000	'000	%	%
HOBART AND SOUTHERN STATISTICAL DIVISIONS					
1993	December	99.6	12.2	10.9	62.1
1995	December	102.3	10.9	9.7	62.1
1996	October	101.5	11.3	10.0	61.7
	November	100.2	10.4	9.4	60.5
	December	103.1	11.3	9.9	62.2
NORTHERN STATISTICAL DIVISION					
1993	December	59.7	7.8	11.5	64.6
1995	December	59.3	6.8	10.3	64.0
1996	October	55.6	7.3	11.6	60.5
	November	56.5	6.7	10.5	60.6
	December	55.5	7.6	12.1	60.4
MURRAY-LYELL STATISTICAL DIVISION					
1993	December	40.6	7.5	15.5	59.5
1995	December	44.3	6.3	12.5	61.5
1996	October	41.8	4.9	10.5	56.7
	November	41.5	5.1	10.9	56.8
	December	40.0	6.2	13.4	57.0
TASMANIA					
1993	December	200.0	27.4	12.1	62.2
1995	December	205.9	24.1	10.5	62.5
1996	October	198.8	23.5	10.6	60.2
	November	198.3	22.2	10.1	59.7
	December	198.6	25.1	11.2	60.6

<sup>1</sup> For explanation of terms and concepts, refer to *Labour Force, Australia*, ABS catalogue number 6203.0

<sup>2</sup> Data in this table are original series, i.e. they are not part of a seasonally adjusted or a trend series. Accordingly, care should be exercised when using these data. New monthly data from each quarter (March, June, September and December) are published two months after the quarter. (Source: Labour Force Estimates—microfiche tables.)

Mersey-Lyell Statistical Division~ Persons: **Original**

	Employed		Unemployed		Labour force	Not in labour force	Civilian population aged 15-19	'000	Unemployment rate	Unemployment population ratio	Participation rate
	Full-time	Total	Looking for full-time work	Total							
Month	'000	'000	'000	'000	'000	'000	'000	'000	%	%	%
ATTENDING NEITHER SCHOOL NOR A TERTIARY INSTITUTION FULL TIME											
1994 January	6.8	9.9	4.8	4.9	14.9	2.4	17.3	33.2	28.3	86.0	
1996 January	6.6	10.0	4.2	4.3	14.3	2.1	16.4	30.3	26.2	87.3	
1996 November	6.8	9.0	2.1	2.3	11.4	1.5	12.9	20.6	18.2	88.5	
December	6.7	9.9	2.9	3.6	13.5	2.3	15.7	26.7	22.8	85.6	
1997 January	6.7	9.5	3.0	3.0	12.5	2.3	14.7	23.8	20.4	84.7	
ATTENDING SCHOOL OR A TERTIARY INSTITUTION FULL TIME											
1994 January	0.5	5.2	0.8	1.6	6.8	10.4	17.1	23.5	9.4	39.8	
1996 January	0.7	6.7	0.4	1.7	8.4	9.3	17.7	20.2	9.6	47.5	
1996 November	0.1	5.0	0.4	1.4	6.4	14.9	21.4	21.6	6.5	30.0	
December	0.4	5.7	0.9	2.7	8.5	10.2	18.5	32.1	14.6	45.5	
1997 January	0.7	5.6	1.1	2.9	8.5	11.1	19.5	34.3	14.8	43.3	
TOTAL											
1994 January	7.3	15.2	5.6	6.5	21.7	12.8	34.4	30.1	18.9	62.9	
1996 January	7.2	16.6	4.6	6.0	22.7	11.3	34.0	26.7	17.6	66.6	
1996 November	6.9	14.1	2.5	3.7	17.8	16.4	34.2	21.0	10.9	52.0	
December	7.1	15.6	3.8	6.3	21.9	12.4	34.2	28.8	18.4	63.9	
1997 January	7.4	15.1	4.0	5.9	20.9	13.3	34.2	28.0	17.3	61.1	

<sup>1</sup> Persons aged 15-19 years.<sup>2</sup> For explanation of terms and concepts, refer to *Labour Force, Australia*, ABS catalogue number 6203.0.  
(Source: Labour Force Estimates—microfiche tables.)

	Occupation	'000	May 1995		May 1996		Proportion of total employed	
			Persons	Males	Females	Persons	May 1995	May 1996
<b>Managers and administrators</b>	19.0	13.6	3.4	17.0	9.4	8.5		
Farmers and farm managers	6.5	4.0	0.9	4.9	3.2	2.4		
Managing supervisors	6.9	6.5	1.5	8.0	3.4	4.0		
Other	5.6	3.1	1.2	4.1	2.8	2.0		
<b>Professionals</b>	25.1	12.8	10.7	23.5	12.5	11.7		
Building and professional engineers	2.4	1.6	—	1.6	1.2	0.8		
Health diagnosis and treatment practitioners	3.0	1.3	1.5	2.8	1.5	1.4		
School teachers	8.5	1.4	3.7	5.1	4.2	2.5		
Business professionals	3.7	3.8	1.4	5.2	1.9	2.6		
Other	7.4	4.7	4.1	8.8	3.7	4.4		
<b>Para-professionals</b>	14.3	7.3	5.8	13.1	7.1	6.5		
Engineering and building associates and technicians	1.6	1.7	0.1	1.8	0.8	0.9		
Registered nurses	5.7	0.4	4.0	4.5	2.8	2.2		
Other	7.0	5.2	1.7	6.8	3.5	3.4		
<b>Tradespersons</b>	29.1	26.3	3.4	29.7	14.4	14.8		
Metal fitting and machining tradespersons	2.8	2.4	—	2.4	1.4	1.2		
Electrical and electronics tradespersons	4.0	4.5	0.1	4.6	2.0	2.3		
Building tradespersons	6.4	6.9	0.1	7.0	3.2	3.5		
Other	15.9	12.4	3.2	15.7	7.9	7.8		
<b>Clerks</b>	33.0	8.8	26.1	34.9	16.4	17.4		
Stenographers and typists	3.8	0.1	3.3	3.4	1.9	1.7		
Receptionists, telephonists and messengers	5.0	1.2	4.6	5.7	2.5	2.8		
Other	24.2	7.5	18.2	25.8	12.0	12.8		
<b>Salespersons and personal service workers</b>	34.2	9.7	23.0	32.7	17.0	16.3		
Sales representatives	2.9	2.0	1.3	3.3	1.4	1.6		
Sales assistants	15.3	4.0	10.5	14.5	7.6	7.2		
Other	16.0	3.7	11.2	14.9	7.9	7.4		
<b>Plant and machine operators, and drivers</b>	16.2	15.1	2.1	17.2	8.0	8.6		
Road and rail transport drivers	6.9	6.1	0.6	6.6	3.4	3.3		
Machine operators	4.4	3.3	1.5	4.8	2.2	2.4		
Other	4.9	5.7	—	5.8	2.4	2.9		
<b>Labourers and related workers</b>	30.6	21.2	11.6	32.8	15.2	16.3		
Trades assistants and factory hands	5.4	3.7	1.4	5.1	2.7	2.5		
Agricultural labourers and related workers	7.0	5.8	2.2	8.1	3.5	4.0		
Cleaners	6.4	1.3	4.6	5.9	3.2	2.9		
Construction and mining labourers	2.0	2.9	0.1	3.0	1.0	1.5		
Other	9.8	7.5	3.3	10.7	4.9	5.3		
<b>Total employed</b>	<b>201.4</b>	<b>115.0</b>	<b>86.0</b>	<b>200.9</b>	<b>100.0</b>	<b>100.0</b>		

<sup>1</sup> For explanation of terms and concepts, refer to *Labour Force, Australia*, ABS catalogue number 6203.0.  
(Source: Labour Force Estimates—unpublished data.)

## 9

EMPLOYED WAGE AND SALARY EARNERS, SECTOR AND INDUSTRY<sup>1</sup>: **Original**

Industry	Employees, February 1995					Percentage distribution	
	Private		Public		Private and public	February 1993	February 1995
	No. ('000)	No. ('000)	Males	Females	Persons		
Agriculture, forestry, fishing and hunting	n.a.	0.7	n.a.	n.a.	n.a.	n.a.	n.a.
Mining	1.5	—	1.4	0.1	1.5	1.7	1.1
Manufacturing	20.3	0.1	15.4	4.9	20.4	14.8	15.2
Electricity, gas and water, construction	6.0	2.7	7.6	1.0	8.7	6.8	6.5
Wholesale and retail trade	26.0	—	15.0	11.0	26.1	20.8	19.4
Transport and storage	3.6	1.5	4.1	1.1	5.2	4.1	3.9
Communication	..	2.3	1.8	0.6	2.3	1.6	1.7
Finance, property and business services	10.1	0.9	4.9	6.0	10.9	9.3	8.1
Public administration and defence	—	10.5	6.5	4.0	10.5	7.0	7.8
Community services	14.0	23.4	11.9	25.5	37.4	24.9	27.8
Recreation, personal and other services	10.2	0.6	4.1	6.7	10.8	8.4	8.0
<b>Total all industries</b>	<b>91.8</b>	<b>42.6</b>	<b>73.2</b>	<b>61.2</b>	<b>134.4</b>	<b>100.0</b>	<b>100.0</b>

<sup>1</sup> For explanation of terms and concepts, refer to *Employed Wage and Salary Earners, Australia*, catalogue number 6248.0.  
(Source: *Employed Wage and Salary Earners*, ABS catalogue number 6248.0.)

## 10

AVERAGE HOURS WORKED: **Original**

Month	Average weekly total hours worked, all employed persons <sup>1</sup>			Average weekly overtime hours <sup>2</sup>		Percentage of employees working overtime <sup>2</sup>
	Males	Females	Persons	Per employee	Per employee working overtime	
<b>1993</b>						
November	38.2	26.4	33.1	1.0	6.9	14.3
<b>1995</b>						
November	39.7	26.5	33.9	0.9	6.4	14.7
<b>1996</b>						
February	37.7	25.6	32.7	0.9	6.5	14.1
May	40.1	27.0	34.5	0.9	5.6	16.0
August	38.8	27.2	33.9	0.8	5.4	14.4
November	38.7	26.8	33.6	0.8	6.2	12.7

<sup>1</sup> For explanation of terms and concepts, refer to *Labour Force, Australia*, ABS catalogue number 6203.0.

<sup>2</sup> For explanation of terms and concepts, refer to *Job Vacancies and Overtime, Australia*, ABS catalogue number 6354.0.

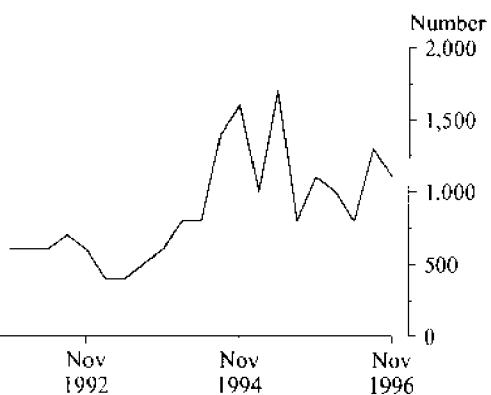
**11**JOB VACANCIES<sup>1</sup>: Original

Period	Number	Rate <sup>2</sup> %
<b>1993</b>		
November	600	0.4
<b>1995</b>		
November	1 100	0.7
<b>1996</b>		
February	1 000	0.6
May	800	0.5
August	1 300	0.8
November	1 100	0.7

<sup>1</sup> For explanation of terms and concepts refer to *Job Vacancies and Overtime, Australia*, catalogue number 6354.0

<sup>2</sup> Job vacancies are expressed as a percentage of the number of job vacancies divided by the number of employees plus job vacancies.

## JOB VACANCIES: Original

**12**INDUSTRIAL DISPUTES<sup>1</sup>: Original

Month	Working days lost '000	Working days lost per thousand employees	
		Twelve months ending	no.
<b>1995</b>			
November	0.1	November	30
December	0.2	December	22
<b>1996</b>			
January	0.8	January	24
February	0.1	February	23
March	—	March	20
April	0.1	April	20
May	0.2	May	19
June	0.4	June	17
July	4.4	July	39
August	5.2	August	70
September	1.3	September	77
October	0.1	October	77
November	0.3	November	79
<b>Twelve months ended 1996</b>			
November	13.1		

<sup>1</sup> For explanation of terms and concepts, refer to *Industrial Disputes, Australia*, ABS catalogue number 6321.0.

## 13

### AVERAGE WEEKLY EARNINGS OF EMPLOYEES<sup>1</sup>: Original and trend

Quarter	Survey reference period	Full-time adult males		All males	Full-time adult females		All females	Full-time adult persons		All employees
		Weekly ordinary time earnings	Weekly total earnings		Weekly ordinary time earnings	Weekly total earnings		Weekly ordinary time earnings	Weekly total earnings	
September	18 August	634.60	675.50	598.70	544.50	555.10	384.80	604.20	634.80	495.60
December	17 November	647.90	687.90	615.50	556.10	569.00	403.20	617.30	648.20	513.80
ORIGINAL										
<b>1995</b>										
March	16 February	652.70	691.40	617.80	561.10	569.30	391.80	622.90	651.70	510.00
June	17 May	663.40	702.80	621.90	570.10	583.20	389.30	631.90	662.40	503.30
September	16 August	666.90	699.20	624.30	556.30	567.40	387.70	629.10	654.10	506.50
TREND										
<b>1995</b>										
September	18 August	637.90	679.80	609.10	548.90	559.80	392.00	608.60	640.30	504.90
December	17 November	645.10	685.40	611.40	554.30	565.20	392.80	614.90	645.70	506.40
<b>1996</b>										
March	16 February	653.60	691.70	614.50	560.30	571.00	392.00	622.30	651.30	506.30
June	17 May	662.20	699.30	621.60	564.70	575.90	391.90	629.50	657.60	507.40
September	16 August	669.50	705.80	630.40	567.10	578.80	392.00	635.30	663.00	509.70

<sup>1</sup> For explanation of terms and concepts, refer to *Average Weekly Earnings, States and Australia*, ABS catalogue number 6302.0.  
(Source: *Average Weekly Earnings, States and Australia*, ABS catalogue number 6302.0.)

## 14

### WEEKLY AWARD RATES OF PAY INDEXES, FULL-TIME ADULT EMPLOYEES<sup>1</sup>: Original (Base: June 1985 = 100.0)

Industry	1993	1995	1996			
	December	December	October	November	December	
Mining	137.7	137.7	137.7	137.7	137.7	137.7
Manufacturing	146.5	150.0	152.1	152.1	152.1	152.1
Electricity, gas and water	132.0	136.4	136.6	136.6	136.6	136.6
Construction	142.3	144.0	145.1	145.1	145.1	145.1
Wholesale trade	137.8	142.7	143.5	143.5	143.5	143.5
Retail trade	136.7	142.7	142.8	142.8	142.8	142.8
Transport and storage	138.5	143.3	143.9	143.9	143.9	143.9
Communication	135.4	135.4	135.4	135.4	135.4	135.4
Finance, property and business services	137.5	139.5	139.6	139.6	139.6	139.6
Public administration and defence	147.7	154.2	156.0	156.0	156.0	156.0
Community services	140.3	144.8	145.5	145.7	145.7	145.7
Recreation, personal and other services	147.1	153.0	153.8	153.8	153.8	153.8
<b>Total all industries</b>	<b>140.5</b>	<b>145.0</b>	<b>145.9</b>	<b>145.9</b>	<b>145.9</b>	<b>145.9</b>

<sup>1</sup> For explanation of terms and concepts, refer to *Award Rates of Pay Indexes, Australia*, ABS catalogue number 6312.0.  
(Source: *Award Rates of Pay Indexes, Australia*, ABS catalogue number 6312.0.)

## 15

### SUMMARY OF ANNUAL MOVEMENTS IN WAGES AND PRICES: **Original**

Period	CPI, All groups Hobart	Price index of materials used in house building, All groups, Hobart	Price index of materials used in building other than house building, All groups, Hobart	Average weekly total, earnings, full-time adult employees	Weekly award rates of pay index, full-time adult employees
PERCENTAGE CHANGE FROM PREVIOUS YEAR					
<b>1993</b>					
December	3.3	2.3	2.2	..	1.3
<b>1995</b>					
December	4.4	3.4	3.0	..	1.8
<b>1996</b>					
April	..	1.7	1.4	..	1.2
May	..	0.6	1.2	3.7	1.1
June	3.0	0.7	1.0	..	1.3
July	..	- 0.1	1.0	..	0.9
August	..	- 0.2	0.9	3.0	0.9
September	2.3	- 0.2	0.8	..	0.8
October	..	0.8	0.4	..	0.9
November	..	- 1.0	0.7	n.y.a	0.7
December	1.8	- 0.5	1.0	..	0.7

(Sources:  
 Consumer Price Index, ABS catalogue number 6401.0,  
 Price Index of Materials Used in House Building, ABS catalogue number 6408.0,  
 Price Index of Materials Used in Other than House Building, ABS catalogue number 6407.0,  
 Average Weekly Earnings, States and Australia, ABS catalogue number 6302.0,  
 Award Rates of Pay Indexes, Australia, ABS catalogue number 6312.0.)

## 16

### HOUSE PRICE INDEX NUMBERS<sup>1</sup>, HOBART: **Original**

(Base of each Index: 1989-90 = 100.0)

	Established house price index		Project home price index	
	Index	% change <sup>2</sup>	Index	% change <sup>2</sup>
1993-94	122.5	5.1	117.7	3.2
1994-95	129.0	5.3	121.3	3.1
1995-96	129.8	0.6	123.4	1.7
<b>1994</b>				
September	128.2	1.7	120.1	0.6
December	128.2	—	120.5	0.3
<b>1995</b>				
March	129.4	0.9	121.6	0.9
June	130.1	0.5	123.1	1.2
September	129.2	0.7	123.5	0.3
December	129.1	- 0.1	123.5	—
<b>1996</b>				
March	129.8	+ 0.5	123.3	- 0.2
June	131.2	+ 1.1	123.3	—
September	130.2	- 0.8	123.3	—

<sup>1</sup> Used in calculating the mortgage interest charges component of the Consumer Price Index.

<sup>2</sup> Percentage change over previous period.

(Source: House Price Indexes: Eight Capital Cities, ABS catalogue number 6416.0)

# 17

## CONSUMER PRICE INDEX, HOBART AND EIGHT CAPITAL CITIES COMBINED<sup>1, 2</sup>: Original (Base of each index: year 1989-90 = 100.0)

<i>Hobart</i>						
Period	Food	Clothing	Housing <sup>3</sup>	Household equipment and operation	Transportation	Tobacco and alcohol
<b>1994</b>						
June	112.2	106.4	94.2	112.4	112.8	134.8
September	113.9	106.6	94.8	112.8	113.9	137.2
December	113.3	105.3	97.6	113.9	115.0	139.1
<b>1995</b>						
March	115.4	105.0	102.7	114.9	115.1	140.3
June	116.1	106.1	104.5	115.4	117.2	143.1
September	117.3	105.9	106.0	116.5	119.4	144.3
December	117.1	105.6	106.5	117.5	120.1	145.9
<b>1996</b>						
March	118.1	106.3	107.2	117.8	119.0	150.3
June	118.4	106.0	107.6	118.5	119.8	153.3
September	120.0	105.9	107.4	119.1	119.7	153.7
December	120.6	105.6	104.8	119.4	121.8	152.7
<i>Hobart</i>						
Weighted average of eight capital cities						
Period	Health and personal care	Recreation and education	Index, all groups	% change over previous period, all groups	Index	% change over previous period
<b>1994</b>						
June	137.9	111.3	112.4	+ 0.4	111.2	+ 0.7
September	138.7	111.7	113.3	+ 0.8	111.9	+ 0.6
December	138.7	113.0	114.2	+ 0.8	112.8	+ 0.8
<b>1995</b>						
March	140.4	115.4	116.1	+ 1.7	114.7	+ 1.7
June	141.0	114.0	117.1	+ 0.9	116.2	+ 1.3
September	146.7	113.3	118.4	+ 1.1	117.6	+ 1.2
December	146.9	115.8	119.2	+ 0.7	118.5	+ 0.8
<b>1996</b>						
March	149.7	117.1	120.1	+ 0.8	119.0	+ 0.4
June	150.5	116.0	120.6	+ 0.4	119.8	+ 0.7
September	154.1	115.1	121.1	+ 0.4	120.1	+ 0.3
December	154.8	116.8	121.3	+ 0.2	120.3	+ 0.2

<sup>1</sup> Further information on construction of CPI indexes is contained in the bulletin *The Australian Consumer Price Index Concepts, Sources and Methods* (Catalogue No. 6461.0).

<sup>2</sup> The CPI is now published on a reference base of 1989-90 = 100.0.  
(Source: Consumer Price Index, ABS catalogue number 6401.0.)

Index numbers for selected major building materials						
Period	Structural timber	Clay bricks	Ready mixed concrete	Precast concrete products	Steel decking, cladding etc.	Structural steel
<b>1995</b>						
October	119.7	123.2	117.2	130.3	111.0	120.9
November	120.1	123.2	116.3	130.3	111.0	120.9
December	120.1	123.3	114.5	130.4	111.0	121.9
<b>1996</b>						
January	120.1	123.3	116.9	130.4	111.0	121.9
February	116.9	123.3	115.9	128.4	112.1	121.9
March	116.9	123.7	113.2	128.4	112.3	121.9
April	116.9	123.7	113.2	128.4	112.3	122.7
May	114.4	123.7	112.9	128.4	112.3	122.7
June	113.8	124.5	112.1	128.4	112.3	123.7
July	114.5	124.5	114.2	132.6	112.3	125.2
August	112.7	124.5	115.5	132.6	112.3	126.0
September	112.7	124.5	114.7	132.6	112.3	124.7
October p	110.6	124.5	115.8	132.6	112.3	124.7
November p	110.3	125.6	115.8	132.6	112.2	126.5
December p	108.9	125.6	116.3	132.6	112.2	126.7
Index numbers for selected major building materials						
Period	Reinforcing steel bar, fabric and mesh	Aluminium windows	Fabricated steel products	Builders' hardware	Sand & aggregate	Paint & other coatings
<b>1995</b>						
October	109.2	104.5	108.3	120.7	133.1	118.9
November	109.2	104.5	108.3	119.2	133.1	118.7
December	109.2	104.5	108.3	117.7	133.1	121.4
<b>1996</b>						
January	109.2	104.5	108.3	118.3	133.1	121.5
February	109.2	104.5	108.1	117.7	133.1	121.5
March	109.2	104.7	108.3	117.7	133.1	121.5
April	109.2	104.4	111.5	117.3	133.1	118.1
May	109.2	104.4	111.5	116.0	133.1	120.6
June	109.2	104.4	111.9	116.1	133.1	124.5
July	109.2	104.4	111.9	115.4	133.1	126.1
August	110.7	104.4	112.4	118.9	133.1	126.1
September	110.8	104.4	113.6	119.0	133.1	126.7
October p	110.9	105.5	113.6	119.1	133.1	126.7
November p	110.9	105.5	113.4	119.1	133.1	127.0
December p	110.9	105.5	113.4	118.2	133.1	128.2

(Source: Price Index of Materials Used in Other than House Building, ABS catalogue number 6407.0.)

continued

## 18

PRICE INDEX OF MATERIALS USED IN BUILDING OTHER THAN HOUSE BUILDING, HOBART: **Original**—continued  
(Base year: 1989-90 = 100.0)

Period	All electrical materials		All mechanical services		All plumbing materials		
	Index	% change over previous period	Index	% change over previous period	Index	% change over previous period	
<b>1995</b>							
October	118.7	-0.2	115.2	+1.7	127.4	+0.6	
November	118.7	—	114.7	-0.4	127.4	—	
December	118.5	-0.2	114.8	+0.1	127.5	+0.1	
<b>1996</b>							
January	117.8	-0.6	114.8	—	127.5	—	
February	117.8	—	115.4	+0.5	127.6	+0.1	
March	118.6	+0.7	115.7	+0.3	127.6	—	
April	118.3	-0.3	116.1	+0.3	126.6	-0.8	
May	119.6	+1.1	116.1	—	127.1	+0.4	
June	119.5	-0.1	116.5	+0.3	127.3	+0.2	
July	119.5	—	116.3	-0.2	127.0	-0.2	
August	113.7	-4.9	117.4	+0.9	126.0	-0.8	
September	113.9	+0.2	117.6	+0.2	126.0	—	
October p	118.3	+3.9	117.3	-0.3	120.4	-4.4	
November p	118.3	—	116.5	-0.7	120.7	+0.2	
December p	118.3	—	116.5	—	121.2	+0.4	
Period		All groups excluding electrical materials and mechanical services		All groups			
		Index		% change over previous period		% change over previous period	
<b>1995</b>							
October	115.8	+0.3		115.5		+0.5	
November	115.7	-0.1		115.3		-0.2	
December	115.5	-0.2		115.1		-0.2	
<b>1996</b>							
January	115.9	+0.3		115.3		+0.2	
February	115.6	0.3		115.2		-0.1	
March	115.3	-0.3		115.1		-0.1	
April	115.2	-0.1		115.1		—	
May	115.3	+0.1		115.2		+0.1	
June	115.3	—		115.3		+0.1	
July	116.1	+0.7		115.8		+0.4	
August	116.5	+0.3		115.9		+0.1	
September	116.3	0.2		115.8		-0.1	
October p	116.2	-0.1		116.0		+0.2	
November p	116.6	+0.3		116.1		+0.1	
December p	116.7	+0.1		116.2		+0.1	

(Source: Price Index of Materials Used in Other than House Building, ABS catalogue number 6407.0.)

# 19

## PRODUCTION OF SELECTED COMMODITIES: Original

Year or month	Dairy products <sup>1</sup>			Staff-hours worked <sup>2</sup>	
	Whole milk <sup>3</sup> million litres	Factory butter <sup>4</sup> tonnes	Factory cheese tonnes	Textile manufacturing <sup>5</sup> '000	Vegetable preserving '000
1993-94	447.3	7 846	22 461	1 575	2 002
1994-95	436.5	8 105	20 529	1 527	1 838
1995-96	513.8	9 589	25 371	1 443	1 784
<b>1993</b>					
November	60.9	968	3 088	128	153
<b>1995</b>					
November	69.8	1 124	3 775	136	142
<b>1996</b>					
September	48.8	926	2 225	108	117
October	69.3	1 333	2 765	125	119
November	70.9	1 367	3 478	119	107
Year or month	Newsprint <sup>6</sup> '000 tonnes	Refined zinc '000 tonnes	Metal, refin. index <sup>7</sup>	Electricity million kW.h	Gas '000 MJ
1993-94	208.9	193.8	105.5	8 855	55 767
1994-95	222.7	189.8	98.3	8 688	51 933
1995-96	242.9	207.8	104.7	9 100	41 035
<b>1993</b>					
November	15.6	16.0	107.9	702	4 115
<b>1995</b>					
November	20.9	16.5	101.0	710	2 978
<b>1996</b>					
September	17.7	17.8	116.7	831	1 956
October	18.1	17.1	116.6	790	1 500
November	19.7	17.6	116.5	776	1 000

<sup>1</sup> Source: Australian Dairy Corporation.

<sup>2</sup> Changing productivity per staff-hour makes these indicators unsatisfactory for long-term comparisons.

<sup>3</sup> Includes the whole milk equivalent of farm cream intake.

<sup>4</sup> Includes butter equivalent of butter oil.

<sup>5</sup> Includes spinning, weaving and carpet making. Reported by establishments which manufacture textiles only, or manufacture clothing and textiles in the one plant.

<sup>6</sup> Excludes production of directory newsprint and high grade specialty paper.

<sup>7</sup> Metallurgical refining index (Base: 1979-80 = 100.0) Output from selected establishments covering the smelting and refining of ferro-alloys, zinc and aluminium. The weighting pattern is based on the establishments' value added as derived from the 1979-80 Manufacturing Census. For multi-product establishments, value added was apportioned to products on the basis of gross receipts from each product.  
(Source: ABS unpublished data.)

## 20

### LIVESTOCK SLAUGHTERING: Original

	Cattle						
	Bulls, bullocks and steers	Cows and heifers	Calves	Sheep	Lambs	Pigs	
Year or month	'000	'000	'000	'000	'000	'000	'000
1993-94	101.8	85.2	23.2	526.1	437.8	95.8	
1994-95	111.2	96.7	28.8	569.3	477.2	92.9	
1995-96	p 99.2	85.7	41.7	390.2	410.0	81.8	
<b>1994</b>							
December	11.3	9.2	0.1	64.2	41.3	9.7	
<b>1995</b>							
December	p 9.5	7.6	0.5	44.8	40.5	8.4	
<b>1996</b>							
January	p 11.2	6.8	0.1	43.6	38.9	6.1	
February	p 8.6	7.8	0.1	39.8	40.4	6.3	
March	p 9.0	8.9	0.2	40.6	41.2	7.2	
April	p 6.6	6.4	0.9	31.4	30.7	6.0	
May	p 10.8	10.7	1.4	42.5	39.7	7.3	
June	p 9.1	9.0	0.7	30.6	33.1	6.6	
July	p 7.6	5.5	1.8	22.9	26.0	6.8	
August	p 6.4	4.2	13.5	12.2	21.6	5.9	
September	p 6.6	4.8	17.0	13.1	26.2	5.9	
October	p 7.9	6.0	6.2	20.6	25.9	5.5	
November	p 9.8	7.8	0.6	36.5	28.0	5.2	
December	p 12.9	8.7	0.2	48.8	29.1	6.6	

(Source: *Livestock Products, Australia*, ABS catalogue number 7215.0.)

## 21

### LIVESTOCK SLAUGHTERING: Seasonally adjusted and trend

	Seasonally adjusted			Trend		
	Cattle and calves	Sheep and lambs	Pigs	Cattle and calves	Sheep and lambs	Pigs
Month	'000	'000	'000	'000	'000	'000
<b>1994</b>						
December	21.1	89.7	7.5	20.7	88.7	7.6
<b>1995</b>						
December	27.7	76.7	6.8	19.7	70.4	6.9
<b>1996</b>						
January	18.8	71.7	7.4	19.3	69.3	6.9
February	17.9	64.2	6.8	18.9	67.6	6.9
March	18.3	63.5	7.0	18.6	66.0	6.8
April	16.0	60.0	6.6	18.6	64.6	6.7
May	21.8	69.4	6.4	19.0	63.3	6.6
June	21.2	61.2	6.2	19.6	61.6	6.5
July	18.0	67.9	6.9	20.0	60.0	6.4
August	19.6	50.8	6.0	20.3	58.7	6.2
September	22.8	55.3	6.4	20.7	58.4	6.0
October	19.7	55.5	5.6	21.1	59.3	5.8
November	20.6	64.9	5.2	21.5	61.0	5.6
December	23.9	69.6	5.6	22.1	63.4	5.4

(Source: ABS unpublished data)

## 22

### MEAT PRODUCTION<sup>1</sup>: Original

Year or month		Beef	Veal	Mutton	Lamb	Pigmeat <sup>2</sup>	Total
		tonnes	tonnes	tonnes	tonnes	tonnes	tonnes
1993-94		47 458	515	9 992	7 047	6 019	71 031
1994-95		49 907	977	11 230	8 412	5 982	76 509
1995-96	p	44 812	1 091	8 283	7 727	5 346	67 259
<b>1994</b>							
December		5 104	10	1 275	691	649	7 731
<b>1995</b>							
December	p	4 145	17	983	764	546	6 456
<b>1996</b>							
January	p	4 467	4	937	733	397	6 538
February	p	4 122	5	852	761	410	6 150
March	p	4 175	9	860	777	470	6 290
April	p	3 012	26	657	579	397	4 671
May	p	5 230	42	892	749	476	7 389
June	p	4 429	21	638	624	430	6 143
July	p	3 203	48	475	488	443	4 657
August	p	2 564	344	249	407	385	3 949
September	p	2 811	430	269	493	384	4 387
October	p	3 375	157	425	488	360	4 804
November	p	4 218	17	792	527	342	5 897
December	p	5 488	7	1 081	547	430	7 553

<sup>1</sup> Carcass weight.

<sup>2</sup> Includes pork used for production of bacon and ham.

(Source: *Livestock Products, Australia*, ABS catalogue number 7215.0.)

## 23

### PRINCIPAL MINERAL CONCENTRATES PRODUCED: Original

Year or quarter	Copper	Iron (pellets)	Lead	Lead-zinc	Tin	Zinc
Year or quarter	'000 tonnes	'000 tonnes	'000 tonnes	'000 tonnes	'000 tonnes	'000 tonnes
1993-94	128.1	1 565.9	93.4	57.5	13.4	316.5
1994-95	59.4	1 483.8	97.4	45.3	14.3	350.6
1995-96	53.5	1 681.3	106.3	38.6	16.0	361.5
<b>1995</b>						
September	4.5	463.0	28.4	11.2	4.1	93.6
December	7.8	416.0	29.7	6.8	4.1	98.1
<b>1996</b>						
March	19.8	326.9	24.1	11.4	3.5	84.8
June	21.5	475.4	24.1	9.2	4.3	85.0
September	26.0	439.3	30.6	10.3	3.9	88.6
December p	25.6	366.7	24.9	11.0	4.0	89.5

(Source: Tasmania—Development and Resources)

## 24

### SAWMILLS AND PLYWOOD MILLS, LOGS DELIVERED AND TIMBER PRODUCED: Original

Year or quarter	Tasmanian-grown logs delivered					Sawn, peeled and sliced timber produced <sup>1</sup>				
	Hardwoods, excluding eucalypts <sup>2</sup>		Plantation softwoods	Native softwoods <sup>3</sup>	Total	Hardwoods, excluding eucalypts <sup>2</sup>		Plantation softwoods	Native softwoods <sup>3</sup>	Total
	Eucalypts	'000 m <sup>3</sup>	'000 m <sup>3</sup>	'000 m <sup>3</sup>	'000 m <sup>3</sup>	Eucalypts	'000 m <sup>3</sup>	'000 m <sup>3</sup>	'000 m <sup>3</sup>	'000 m <sup>3</sup>
1993-94	584.3	15.3	299.2	1.5	900.4	203.5	3.1	141.0	0.5	348.0
1994-95	653.1	12.6	304.9	2.8	973.4	212.5	4.3	142.7	0.6	360.1
1995-96	602.8	13.0	343.7	1.4	960.9	192.4	4.4	152.0	0.5	349.3
<b>1994</b>										
September	170.2	3.8	76.3	0.6	250.9	59.5	1.2	35.1	0.1	95.9
December	163.0	3.7	68.8	0.3	235.8	55.2	1.0	36.1	0.2	92.5
<b>1995</b>										
March	132.3	3.0	82.5	1.1	218.9	44.5	1.0	37.0	0.1	82.6
June	187.6	2.1	77.4	0.7	267.8	53.4	1.1	34.6	0.1	89.2
September	184.3	1.8	79.9	0.2	266.2	55.4	1.3	36.0	0.1	92.8
December	139.1	1.5	70.2	0.2	211.0	49.0	1.0	36.0	0.2	86.2
<b>1996</b>										
March	136.6	6.7	98.1	0.3	241.7	41.5	0.9	41.2	0.1	83.7
June	142.9	3.0	95.5	0.6	242.0	46.5	1.2	38.8	0.1	86.6
September	134.4	2.4	97.3	—	234.1	47.3	1.1	43.0	0.1	91.4

<sup>1</sup> Includes plywood, veneer and sliced timber production converted to an equivalent cubic measurement.

<sup>2</sup> Includes blackwood, myrtle, sassafras etc.

<sup>3</sup> Radiata pine.

<sup>4</sup> Includes Huon pine, celery top pine and King William pine.

(Source: ABS unpublished data.)

## 25

### CHIPPING AND GRINDING OF WOOD<sup>1</sup>: Original

Year or quarter	Producing locations <sup>2</sup>	Materials used <sup>3</sup>			Chipped and ground wood production ('000 tonnes green weight)
		Logs delivered <sup>4</sup>		Sawmill offcuts	
		no.	'000 m <sup>3</sup>	'000 m <sup>3</sup>	
1993-94	30		3 448.8	339.8	3 726.1
1994-95	31		4 064.1	394.2	4 343.1
1995-96	31		3 510.0	457.9	3 820.1
<b>1994</b>					
September	30		939.8	86.3	991.3
December	31		1 065.8	92.0	1 115.4
<b>1995</b>					
March	31		1 090.6	95.7	1 177.1
June	31		967.9	120.1	1 059.3
September	32		935.6	118.2	1 044.1
December	31		932.1	104.6	939.9
<b>1996</b>					
March	32		842.6	109.8	958.0
June	31		799.6	125.3	878.1
September	30		767.5	133.5	870.9

<sup>1</sup> Both hardwoods and softwoods, separate details are not available.

<sup>2</sup> Capable of producing at end of year or actually producing during quarter.

<sup>3</sup> Data reported by weight, converted to cubic measure by the factor 0.95 m<sup>3</sup> per tonne.

<sup>4</sup> Includes log equivalent of limbwood and billets.

(Source: ABS unpublished data.)

# 26

## LOGS DELIVERED FOR MILLING OR CHIPPING: **Original**

Year or quarter	Sawmilling and plywood milling			Chipping and grinding <sup>1</sup>			Total		
	Crown land <sup>2</sup>	Private land	Total	Crown land <sup>2</sup>	Private land	Total	Crown land <sup>2</sup>	Private land	Total
	'000 m <sup>3</sup>	'000 m <sup>3</sup>	'000 m <sup>3</sup>	'000 m <sup>3</sup>	'000 m <sup>3</sup>	'000 m <sup>3</sup>	'000 m <sup>3</sup>	'000 m <sup>3</sup>	'000 m <sup>3</sup>
1993-94	696.5	203.9	900.4	1 697.0	1 751.8	3 448.8	2 393.5	1 955.7	4 349.2
1994-95	780.3	193.2	973.4	1 966.8	2 097.3	4 064.1	2 747.1	2 290.4	5 037.6
1995-96	773.5	187.4	960.9	1 579.6	1 930.4	3 510.0	2 353.1	2 117.8	4 470.9
<b>1994</b>									
September	199.8	51.1	250.9	481.0	458.8	939.8	680.8	509.9	1 190.7
December	180.6	55.2	235.8	467.9	597.8	1 065.8	648.5	653.0	1 301.6
<b>1995</b>									
March	184.7	34.2	218.9	480.3	610.3	1 090.6	665.0	644.5	1 309.5
June	215.2	52.7	267.8	537.6	430.3	967.9	752.8	483.0	1 235.8
September	214.1	r 52.2	266.2	438.2	497.4	935.6	r 652.2	r 549.6	r 1 201.9
December	165.2	45.8	211.0	388.3	543.8	932.1	553.5	589.6	1 143.1
<b>1996</b>									
March	r 202.3	r 39.4	241.7	405.3	437.3	842.6	r 607.6	r 476.7	1 084.3
June	r 191.9	r 50.1	242.0	347.9	451.8	799.6	539.7	r 501.8	1 041.6
September	194.2	39.9	234.1	403.5	364.0	767.5	597.8	403.9	1 001.7

<sup>1</sup> Logs used are generally below sawmilling standard; includes log equivalent of limbwood and billets.

<sup>2</sup> Comprises all areas (including concession areas) from which royalties are payable to Forestry Tasmania.  
(Source: ABS unpublished data.)

## 27

### BUILDING APPROVALS: Original

Year or month	New residential building			Value			Non-residential building <sup>3</sup>		Total of all building
	Houses	Other <sup>1</sup>	Conversions etc.	Total dwelling units	New dwelling units	Alterations and additions <sup>2</sup> to residential building	Private	Total	
	no.	no.	no.	no.	\$'000	\$'000	\$'000	\$'000	
1993-94	3 113	1 034	11	4 158	301 963	39 522	81 251	145 922	487 407
1994-95	2 576	596	14	3 176	244 623	39 963	117 984	161 567	446 152
1995-96	1 938	601	7	2 546	217 445	36 890	119 849	216 752	471 086
<b>1993</b>									
December	276	95	—	371	26 743	3 521	4 461	10 385	40 649
<b>1995</b>									
December	145	74	—	219	18 832	2 643	13 277	13 597	35 072
<b>1996</b>									
September	156	4	—	160	13 249	1 857	9 549	10 306	25 412
October	154	33	3	190	17 314	3 530	9 585	10 647	31 491
November	146	22	—	168	13 351	3 347	6 375	7 262	23 960
December	130	23	—	153	12 943	2 371	3 796	4 396	19 710

<sup>1</sup> New individual dwelling units (e.g. flats, home units and villa units).

<sup>2</sup> Valued at \$10,000 and over.

<sup>3</sup> Comprises non-residential building (new plus alterations and additions) valued at \$50,000 and over.

(Source: *Building Approvals, Tasmania*, ABS catalogue number 8731.6.)

## 28

### SECURED HOUSING COMMITMENTS<sup>1</sup>: Original, seasonally adjusted and trend

Month	Total number of dwellings <sup>2</sup>			Total value of commitments		
	Original	Seasonally adjusted	Trend	Original	Seasonally adjusted	Trend
	no.	no.	no.	\$'000	\$'000	\$'000
<b>1995</b>						
November	1 035	986	979	70.3	68.7	67.3
December	864	931	957	59.6	63.0	65.7
<b>1996</b>						
January	840	951	933	59.1	63.0	63.8
February	911	887	904	63.3	62.7	61.6
March	988	884	877	69.4	61.0	59.9
April	849	888	859	58.9	61.3	59.4
May	942	825	857	64.7	55.6	60.9
June	841	830	869	58.3	61.0	63.7
July	1 032	1 012	1 059	66.1	64.7	67.1
August	1 163	1 175	1 076	77.2	79.6	70.2
September	1 067	1 098	1 082	68.8	70.4	72.2
October	1 117	1 155	1 078	75.9	80.4	73.0
November	909	924	1 070	60.7	61.5	73.3
December	791	849	961	54.4	57.5	65.7

<sup>1</sup> Commitment is a firm offer of housing finance. It either has been, or is normally expected to be, accepted. Includes commitments to provide housing finance to employees and commitments accepted and cancelled in the same month. Excludes alterations and additions. Includes refinancing.

<sup>2</sup> Includes new dwellings, established dwellings and refinancing. Excludes alterations and additions.

(Source: *Housing Finance for Owner Occupation, Australia*, ABS catalogue 5609.0)

## 29

### BANKING STATISTICS<sup>1</sup>: Original

Month	Deposits				
	Current bearing interest	Current - not bearing interest	Fixed	Investment savings accounts	Statement savings accounts
	\$m	\$m	\$m	\$m	\$m
<b>1995</b>					
December	628	279	1 659	546	191
<b>1996</b>					
January	646	272	1 646	546	190
February	665	265	1 639	544	174
March	690	271	1 657	550	160
April	689	270	1 693	547	160
May	674	262	1 697	541	158
June	659	260	1 707	541	158
July	687	253	1 737	540	161
August	692	249	1 758	543	163
September	690	240	1 768	552	165
October	699	238	1 787	559	168
November	692	237	1 791	560	169
December	699	244	1 771	570	188
Deposits					
	Passbook/School savings accounts	Other		Total	Loans <sup>2</sup>
Month	\$m	\$m	\$m	\$m	\$m
<b>1995</b>					
December	177	127	3 607	4 374	
<b>1996</b>					
January	175	127	3 601	4 372	
February	171	127	3 585	4 422	
March	171	128	3 626	4 450	
April	168	130	3 657	4 471	
May	164	127	3 623	4 511	
June	161	128	3 615	4 529	
July	156	127	3 660	4 532	
August	153	127	3 685	4 541	
September	151	129	3 694	4 520	
October	147	129	3 728	4 545	
November	140	132	3 722	4 513	
December	134	133	3 739	4 533	

<sup>1</sup> Details are the averages of weekly figures for each month. The figures are derived from returns submitted by banks authorised under the Banking Act together with similar returns voluntarily submitted by the State banks; they exclude the Reserve Bank.

<sup>2</sup> Excludes non-resident loans.

(Source: Reserve Bank of Australia.)

## 30

### PRIVATE NEW CAPITAL EXPENDITURE BY TYPE OF ASSET<sup>1</sup>: Original

Year or quarter	\$m	New buildings and structures	Equipment, plant, and machinery	Total
1993-94	100		341	441
1994-95	133		503	636
1995-96	178		394	571
<b>1995</b>				
September	50		93	143
December	46		91	137
<b>1996</b>				
March	45		94	139
June	37		116	153
September	33		95	128

<sup>1</sup> Estimates based on a sample survey and therefore subject to sampling variability. Covers selected industries only—mining, manufacturing, finance, property and other selected industries.

(Source: State Estimates of Private New Capital Expenditure, ABS catalogue number 5646.0.)

## 31

### PASSENGER ARRIVALS AND DEPARTURES, TASMANIA<sup>1</sup>: Original

Period	By air				Cruise ships		
	Interstate arrivals	International arrivals	By sea	Total	Total departures <sup>2</sup>	Arrivals	Departures
1992	652 092	4 428	114 969	771 489	761 109	4 608	4 608
1993	694 244	5 144	115 381	814 769	814 835	2 033	2 033
1994	745 508	4 166	128 644	878 318	880 936	6 592	6 592
1995	811 784	3 982	116 869	932 635	931 278	6 199	6 199
<b>1995</b>						—	—
September	73 105	407	11 150	84 662	72 559	—	—
<b>1996</b>						—	—
July	56 537	—	7 550	64 087	68 288	—	—
August	56 695	—	7 952	64 647	66 400	—	—
September	74 597	—	11 257	85 854	75 490	—	—

<sup>1</sup> The following persons are not included in these statistics: passengers under three years of age accompanied by an adult; passengers travelling on chartered flights with minor carriers; passengers travelling on private or VIP flights; and passengers from or departing for overseas other than direct flights to New Zealand.

<sup>2</sup> The proportion of departing passengers who were visitors was shown to be about 58% in the 1981 Tasmanian Visitor Survey, 55% in the 1984 Tasmanian Visitor Survey, 53% in the 1986 Tasmanian Visitor Survey, 65% in the 1990 Tasmanian Visitor Survey, 60% in the 1994 survey, and 58% in the 1995 Tasmanian Visitor Survey.

(Source: Department of Tourism)

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### TOTAL PASSENGER ARRIVALS BY AIR AND SEA, TASMANIA: Original, seasonally adjusted and trend

Period	Original	Seasonally adjusted <sup>1</sup>	Trend
<b>1995</b>			
September	84 662	79 187	79 598
<b>1996</b>			
July	64 087	80 146	81 734
August	64 647	84 612	81 947
September	85 854	78 478	81 874

<sup>1</sup> There is an annual recalculation of seasonal adjustment factors to include the most recent year's arrivals. This occurs at the end of each financial year and may cause revisions to previously published seasonally adjusted and trend figures. A full time series of seasonally adjusted and trend series from January 1971 is available on request, telephone (03) 6220 5870.

(Source: Department of Tourism. ABS unpublished data.)

Period	HOTELS, MOTELS, ETC. WITH FACILITIES					
	Original		Room nights		Original	
	Establishments <sup>1</sup> no.	Guest rooms <sup>1</sup> no.	Seasonally adjusted <sup>2</sup> no.	Trend estimates <sup>2</sup> no.	Room occupancy rate %	Takings from accommodation \$'000
<b>September quarter</b>						
1994	174	5 316	n.a.	n.a.	43.5	15 229
1995	179	5 452			42.1	15 501
1996	188	5 604			38.7	14 362
<b>1994</b>						
July	n.a.	n.a.	91 256	90 054	40.6	4 711
August	n.a.	n.a.	89 909	89 551	38.5	4 443
September	174	5 316	91 464	88 751	51.6	6 074
<b>1995</b>						
July	n.a.	n.a.	91 724	90 010	39.2	4 866
August	n.a.	n.a.	91 661	90 657	38.6	4 687
September	179	5 452	90 106	91 103	48.7	5 948
<b>1996</b>						
July	n.a.	n.a.	86 142	86 049	36.6	4 671
August	n.a.	n.a.	92 416	85 783	36.4	4 491
September	188	5 604	80 295	85 609	43.2	5 200
HOLIDAY UNITS						
Period	Original		Unit nights		Original	
	Establishments <sup>1</sup> no.	Units <sup>1</sup> no.	Seasonally adjusted <sup>2</sup> no.	Trend estimates <sup>2</sup> no.	Unit occupancy rate %	Takings from accommodation \$'000
	<b>September quarter</b>					
1994	53	804	n.a.	n.a.	42.5	2 044
1995	54	821			38.3	1 933
1996	57	858			35.5	1 922
<b>1994</b>						
July	n.a.	n.a.	13 339	13 384	36.7	583
August	n.a.	n.a.	13 333	13 370	35.2	550
September	52	793	13 543	13 428	55.9	911
<b>1995</b>						
July	n.a.	n.a.	12 144	12 158	33.1	558
August	n.a.	n.a.	11 760	12 233	30.2	485
September	54	821	12 918	12 446	51.9	890
<b>1996</b>						
July	n.a.	n.a.	12 153	12 074	31.1	567
August	n.a.	n.a.	11 762	11 936	28.9	528
September	57	858	12 144	11 833	46.8	827
CARAVAN PARKS						
Period	Original		Site nights		Original	
	Establishments <sup>1</sup> no.	Sites and cabins <sup>1</sup> no.	Seasonally adjusted <sup>2</sup> no.	Trend estimates <sup>2</sup> no.	Site occupancy rate %	Takings from accommodation \$'000
	<b>September quarter</b>					
1994	75	6 924	n.a.	n.a.	25.8	1 036
1995	72	6 417			27.7	1 111
1996	73	6 491			28.3	1 209
<b>1994</b>						
July	n.a.	n.a.	65 090	64 111	24.8	294
August	n.a.	n.a.	65 978	64 925	25.2	303
September	75	6 924	64 782	65 522	27.5	439
<b>1995</b>						
July	n.a.	n.a.	65 084	65 398	26.7	310
August	n.a.	n.a.	64 125	65 309	26.8	321
September	72	6 417	66 559	65 272	29.5	480
<b>1996</b>						
July	n.a.	n.a.	67 597	67 112	27.3	347
August	n.a.	n.a.	68 379	67 505	27.9	361
September	73	6 491	67 006	67 735	29.9	501

<sup>1</sup> At end of quarter.<sup>2</sup> Seasonally adjusted and trend estimates are revised annually because of yearly seasonal re-analysis.(Source: *Tourist Accommodation*, ABS catalogue number 8635.6.)

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### REGISTRATIONS OF NEW MOTOR VEHICLES<sup>1</sup>: original

Year or month	Passenger vehicles	Other vehicles <sup>2</sup>	Total (excl. motor cycles)	Vehicles registered by vehicle rental businesses <sup>3</sup>	Motor cycles
	no.	no.	no.	no.	no.
1994	10 543	2 837	13 380	1 708	376
1995	10 919	2 874	13 793	1 952	393
1996	11 445	2 726	14 171	2 384	462
<b>1994</b>					
December	1 146	217	1 363	440	48
<b>1995</b>					
December	1 489	245	1 734	842	37
<b>1996</b>					
January	670	203	873	5	36
February	777	212	989	62	48
March	764	197	961	3	33
April	659	159	818	—	30
May	916	286	1 202	3	44
June	744	250	994	9	32
July	1 099	242	1 341	232	26
August	1 040	296	1 336	216	52
September	1 171	177	1 348	448	38
October	1 042	265	1 307	213	35
November	1 072	195	1 267	370	50
December	1 491	244	1 735	823	38

<sup>1</sup> Includes State and Commonwealth Government-owned motor vehicles other than those belonging to the defence services. Excludes tractors, plant and equipment, caravans and trailers.

<sup>2</sup> Comprises utilities, panel vans, rigid and articulated trucks and other truck-type vehicles (i.e. motor vehicles designed for purposes other than freight carrying, e.g. campervans, tow trucks, ambulances and hearses) and buses.

<sup>3</sup> These figures are included in previous columns.

(Source: Motor Vehicle Registrations Australia, ABS catalogue number 9301.0. ABS unpublished data.)

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### TOUROVER OF RETAIL ESTABLISHMENTS AT CURRENT PRICES<sup>1</sup>: Original and trend

Period	\$m	Trend estimates	
		\$m	%
<b>1994</b>			
December	312.1	229.3	- 1.0
<b>1995</b>			
December	320.5	242.6	5.8
<b>1996</b>			
January	240.5	244.6	6.2
February	233.5	246.2	6.1
March	241.3	247.2	5.7
April	237.8	247.3	5.0
May	250.3	246.7	4.3
June	230.6	245.5	3.6
July	229.1	244.4	3.1
August	238.2	243.8	2.9
September	222.5	244.0	2.7
October	249.1	244.8	2.4
November	257.9	245.9	2.2
December	324.3	247.3	1.9

<sup>1</sup> Survey has been re-designed—see Information Paper (8511.0).

(Source: Retail Trade, Australia, ABS catalogue number 8501.0.)

	NSW	Vic.	Qld	SA	WA	Tas.	Aust. <sup>1</sup>
<b>Population</b>							
Estimated resident population, June 1996 ('000) p	6 190.2	4 541.0	3 354.7	1 479.2	1 762.7	473.4	18 289.1
Proportion of Australian population, June 1996 (%) p	33.8	24.8	18.3	8.1	9.6	2.6	100.0
Population growth rate, 12 months to June 1996 (%) p	1.3	0.9	2.4	0.4	1.8	0.1	1.3
<b>Labour Force</b>							
Employment growth, 12 months to January 1997 (trend series) (%)							
Males	1.5	1.2	1.4	- 0.8	2.0	- 1.6	1.1
Females	0.6	2.2	1.8	1.9	3.6	- 3.8	1.4
Persons	1.1	1.6	1.6	0.3	2.6	- 2.5	1.2
Unemployment rate (trend series), January 1997 (%)	7.7	9.1	9.8	9.4	7.7	10.4	8.6
Unemployment growth, 12 months to January 1997 (trend series) (%)	0.3	5.6	7.2	0.1	1.7	1.8	3.1
Participation rate (trend series), January 1997 (%)	62.4	64.1	64.6	61.5	66.3	59.5	63.6
Average weekly overtime worked per employee, November 1996 (hours)	1.2	1.3	1.0	1.0	1.2	0.8	1.1
Job vacancy rate, November 1996 (%)	1.1	0.8	0.8	0.5	1.3	0.7	0.9
Working days lost through industrial disputes, 12 months to November 1996 (days per '000 employees)	157	112	160	78	69	79	129
<b>Wages and Prices</b>							
Average weekly total earnings, full-time adult employees (trend series) August 1996 (\$)							
Males	825.8	762.8	715.6	726.7	813.0	705.8	778.3
Females	645.5	607.2	577.5	573.3	598.3	578.8	614.9
Persons	760.2	708.8	664.6	678.3	734.0	663.0	719.7
Average weekly total earnings, full-time adult employees, growth rate, 12 months to August 1996 (%)	4.3	3.0	2.9	4.3	4.2	3.5	3.7
Consumer price index, all groups, annual growth to December quarter 1996 (%) <sup>2</sup>	1.8	1.2	1.9	1.2	1.8	1.8	1.5
<b>Building</b>							
% change in the number of new residential dwelling units approved in 12 months ended December 1996, over the same period previous year	- 8.4	- 9.1	- 5.4	- 22.6	- 11.2	- 21.4	- 9.5
<b>Finance and Retail Trade</b>							
% change in private new capital expenditure, 12 months ended September 1996, over the same period previous year	9.9	33.3	12.3	2.2	- 0.8	- 17.6	14.2
% change in trend estimates turnover of retail establishments, December 1996 (change from corresponding month of the previous year)	0.9	4.1	- 0.2	- 1.8	- 2.5	1.9	0.9
<b>Transport</b>							
% change in number of new motor vehicles (excluding motorcycles) registered 12 months ended November 1996, over the same period previous year	- 1.1	3.8	3.7	- 1.0	4.6	5.6	1.5
<b>Agriculture</b>							
% change in the number of livestock slaughtered 12 months ended December 1996 over the same period previous year							
Cattle and calves	2.9	7.2	- 14.7	- 13.9	- 0.2	- 4.0	- 2.8
Sheep and lambs	- 2.9	- 6.7	21.1	- 12.5	9.5	- 16.2	- 3.6
<b>Tourism</b>							
Room occupancy rates for hotels, motels etc. with facilities, September quarter 1996 (%)	59.1	52.0	65.5	48.9	62.0	38.7	58.8
<b>Australian National and State Accounts</b>							
% change in GSP (GDP), Average 1989-90 Prices Trend Series							
June qtr 1996 to Sept. qtr 1996	0.9	0.2	1.3	—	0.3	- 0.5	0.5
Sept. qtr 1995 to Sept. qtr 1996	3.7	2.4	5.9	2.0	5.5	1.9	3.9

<sup>1</sup> Australian totals include the ACT and NT.<sup>2</sup> CPI applies to State capitals.

## EXPLANATORY NOTES

### INTRODUCTION

**1** This publication contains latest figures for a comprehensive range of economic indicators. Statistics shown in this publication are the latest available at the date of preparation and may be subject to revision in subsequent issues. In a number of cases figures appearing in this publication are preliminary and are subject to revision in subsequent issues. Reference should therefore always be made to the latest issue or to the statistical publication on the specific subject.

### SEASONAL ADJUSTMENT AND TREND ESTIMATION

**2** Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences on the series can be more clearly recognised. Seasonal adjustment does not aim to remove the irregular or non-seasonal influences which may be present in any particular month. This means that month-to-month movements of the seasonally adjusted estimates may not be reliable indicators of trend behaviour.

**3** The smoothing of seasonally adjusted series reduces the impact of the irregular components of the seasonally adjusted series and creates trend estimates. These trend estimates are derived by applying a 13-term Henderson-weighted moving average to all months except the last six. The last six monthly trend estimates are obtained by applying surrogates of the Henderson average to the seasonally adjusted series. Trend series are used to analyse the underlying behaviour of the series over time.

**4** While this smoothing technique enables estimates to be produced for the latest month, it does result in revisions to the most recent months as additional observations become available. Generally, subsequent revisions become smaller and after 3 months have a negligible impact on the series. Revisions also occur as a result of the annual review of seasonal factors.

**5** Users may wish to refer to the ABS Publication *A Guide to Interpreting Time Series – Monitoring 'Trends' – An Overview* (1348.0) for more detailed information on smoothing seasonally adjusted time series data.

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### UNPUBLISHED STATISTICS

**7** As well as the statistics included in this and related publications, the ABS may have other relevant unpublished data available. Inquiries should be made to Information Inquiries on (03) 6222 5800 or to any ABS office.

### EFFECTS OF ROUNDING

**8** Some figures have been rounded and discrepancies may occur between totals and sums of the component items.

### SYMBOLS AND OTHER USAGES

n.a.	not available
n.y.a.	not yet available
..	not applicable
—	nil or rounded to zero
p	preliminary—figure or series subject to revision
r	figure or series revised since previous issue



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